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SOURCE Newspapers as indicated.

SPEED MECHANIZATION IN MACHINE BUILDING

MECHANIZE FOUNDRY -- Leningradskaya Pravda, No 261, 4 Nov 49

When the Plant imeni Karl Libknekht received the order to cast stationary tubings for the Leningrad subway, they were faced with the task of first organizing a sound machine-moulding base.

They did not have a real foundry. For a long time the work was done in a half-ton cupola and practically without mechanization.

Pneumatic tampers and pneumatic tools for trimming ingots, as well as other innovations, were introduced. Traveling cranes were also put into operation.

PLEDGE ADDITIONAL HOISTS -- Vechernyaya Moskva, No 246, 15 Oct 49

The "Krasnyy blok" Plant has pledged above-plan output of 250 hoists of various types by 7 November.

Moskovskiy Bol'shevik, No 261, 4 Nov 49

In 9 months the "Krasnyy blok" Plant has produced several hundred hoists above plan which are used in all branches of industry and in MTSS.

BUILD NEW AUTOMATIC WELDER -- Moskovskiy Bol'shevik, No 263, 6 Nov 49

The Central Scientific Research Institute of Technology and Machine-Building has put out a new universal welding machine, the UT-1250. Equipped with electrodes varying in diameter from 2.5 to 6 millimeters, the machine can weld an 83-meter seam in one hour, greatly surpassing the productive capacity of other machines of similar type.

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The welder weighs only 44 kilograms, is portable, and should considerably widen the application of automatic electric welding, especially in the heavy machine-building plants.

PLANT MECHANIZES PROCESSES -- Sovetskaya Esteniya, No 254, 27 Oct 49

The "Armatura" completed the year plan with respect to gross production on 15 October. At the same time, it lowered production costs by 10.9 percent. It is improving the quality of its products month by month. It has mechanized its rollers and has tripled production in the welding of boilers and radiators by equipping the tools with rotating tables. It has also mechanized the stamping process in the casting shop.

COMPLETES YEAR PLAN -- Vechernaya Moskva, No 257, 28 Oct 49

The Machinery Plant imeni Kirov has completed the year plan ahead of time. Labor productivity per worker, as a result of mechanization, has risen 7 percent and production costs have fallen 22 percent.

MACHINE PLANT AHEAD OF PLAN -- Trud, No 256, 29 Oct 49

The Tiraspol Machinery Plant imeni Kirov has completed the year plan ahead of time. Average labor productivity in September was 162 percent of the medium progressive norm. Production capacity has reached the level set for 1950. As a result of mechanization, productivity has increased 7 percent and production cost has dropped 22 percent.

Two laboratories have been installed in the plant in order to improve techniques. There are six stakhanovite schools among the shops, directed by workers skilled in high-speed and high-quality methods.

BEGIN AUTOMATIC WELDING OF DRUMS -- Krasnyy Flot, No 253, 26 Oct 49

The drum-welding shop of the Krasnyy Kotel'shchik Plant recently began automatic welding of the drum joints of high-pressure boilers. Whereas formerly the welding of the upper drum joint of the TP-230 boiler took 77 hours, in the course of which the drum would be sent two or three times to the gas oven, now the welding is performed in a single operation in about 7 hours. The automatic method reduces the production cycle sixfold and results in considerable saving of gas.

CEMENT-UNLOADING MACHINE -- Moskovskiy Bol'shevik, No 249, 21 Oct 49

The Machinery Plant of the Ministry of Construction of Machine Building Enterprises has put out an experimental model of a cement-unloading machine which mechanizes the unloading of cement from railroad cars to storage points and thence to trucks. It has a productivity of 40 tons per hour and requires only two men to operate it. All operations are performed by push button.

MACHINERY PLANT COMPLETES 5-YEAR PLAN -- Moskovskiy Bol'shevik, No 249, 21 Oct 49

The Perovo Machinery Plant, which from year to year has fulfilled and exceeded its norms, completed the Five-Year Plan on 19 October with respect to production volume. It declined a state subsidy in 1947 and this year managed to give the state 5 million rubles in capital accumulations.

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All shops are engaged in a campaign to save metal, fuel, and electric power. As a result of metal savings during the last 9 months, the plant was able to build an additional 20 hydroelectric brake stands.

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